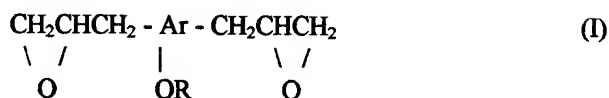


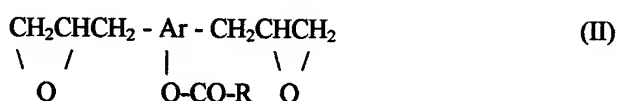
What is claimed is:

1. Diepoxide esters and ethers having the formulas:

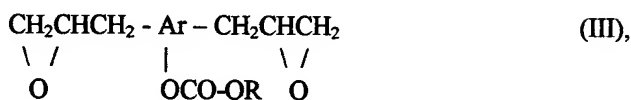
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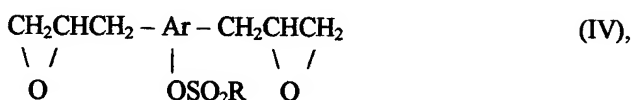
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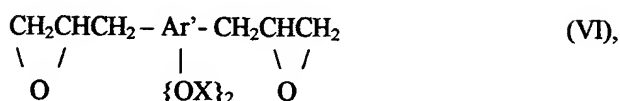
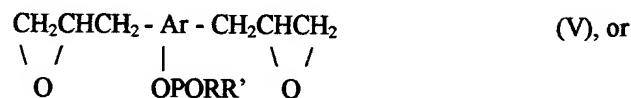
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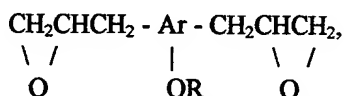


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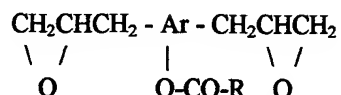
30 where Ar is a trivalent aromatic radical of 6-20 carbon atoms, Ar' is a bridged diaromatic radical having the formula Ar -Y- Ar and Y is O, CO, S, SO₂, -(CH₂)_y, or -C(R'')₂- and y is from 0 to 6, and R and R' are the same or different alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radical having from 6-20 carbon atoms and X is -R, -COR, -COOR, -SO₂R, or-PORR'.

35 2. The diepoxide ethers of claim 1 having the formula



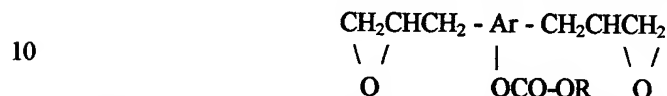
40 where Ar is a trivalent aromatic radical of 6-20 carbon atoms and R is an alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radical having from 6-20 carbon atoms.

3. The diepoxide carboxylic acid esters of claim 1 having the formula



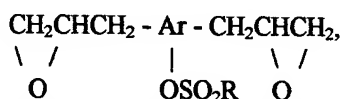
5 where Ar is a trivalent aromatic radical of 6-20 carbon atoms and R is an alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radical having from radical of 6-20 carbon atoms.

4. The diepoxide carbonic acid esters of claim 1 having the formula



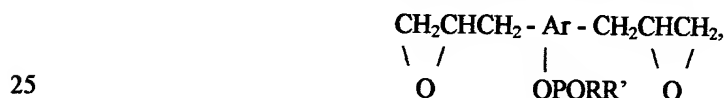
10 where Ar is a trivalent aromatic radical of 6-20 carbon atoms and R is an alkyl, alkyl aryl, aryl, aryl alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radical having from 6-20 carbon atoms.

15 5. The diepoxide sulfonic acid esters of claim 1 having the formula



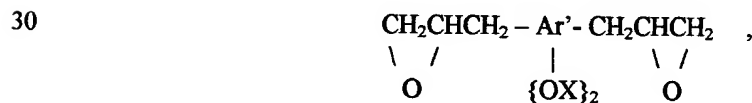
20 where Ar is a trivalent aromatic radical of 6-20 carbon atoms and R is an alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy or arylene aryloxy radical having from 6-20 carbon atoms.

6. The diepoxide phosphorus esters of claim 1 having the formula



25 where Ar is a trivalent aromatic carbon radical of 6-20 carbon atoms and R and R' are alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radicals having from 6-20 carbon atoms.

7. The diepoxide esters of claim 1 having the formula



30 where Ar' is a bridged diaromatic radical having the formula Ar -Y- Ar and Y is O, CO, S, SO₂, -(CH₂)_y, or -C(R'')₂- and y is from 0 to 6, Ar is a trivalent aromatic radical of
35 6-20 carbon atoms, and R and R' are the same or different alkyl, alkylene aryl, aryl, arylene alkyl, alkylene alkoxy, alkylene aryloxy, arylene alkoxy and arylene aryloxy radical

having from 6-20 carbon atoms and X is -R, -COR, -COOR, -SO₂R, or-PORR'.

8. The diepoxide of claim 2 where the ether is 2,6-di-(2,3-epoxypropyl)phenyl methyl ether.
9. The diepoxide of claim 2 where the ether is 2,6-di-(2,3-epoxypropyl)phenyl ethyl ether.
10. The diepoxide of claim 2 where the ether is 4-methyl-2,6-di-(2,3-epoxypropyl)phenyl methyl ether.
11. The diepoxide of claim 2 where the ether is 2,6-di(2,3-epoxypropyl)phenyl benzyl ether.
12. The diepoxide of claim 2 where the ether is 2,6-di(2,3-epoxypropyl)phenyl-4-cyano phenyl ether.
13. The diepoxide of claim 2 where the ether is 2,6-di(2,3-epoxypropyl)phenyl octadecyl ether.
14. The diepoxide of claim 3 where the ester is 4-toluic acid: 2,6-di(2,3-epoxypropyl)phenyl ester.
15. The diepoxide of claim 4 where the ester is 2,6-di(2,3-epoxypropyl)phenyl methyl carbonate.
16. The diepoxide of claim 5 where the ester is 4-toluenesulfonic acid: 2,6-di(2,3-epoxypropyl)phenyl ester.
17. The diepoxide of claim 6 where the ester is 2,6-di(2,3-epoxypropyl)phenyl diethyl phosphate.
18. The diepoxide of claim 7 where the diether is 2,2-{3-(2,3-epoxypropyl)-4-methoxyphenyl}propane.
19. The diepoxide of claim 7 where the diether is 3(2,3-epoxypropyl)-4-methoxyphenyl sulfone.